

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1	6002823.pn.	USPAT; US-PGPU B	2004/06/16 12:38
2	BRS	L2	1	1 and ((index refract\$4) same (polym\$6 material\$1 compoun\$3 device\$1) same waveguide\$1)	USPAT; US-PGPU B	2004/06/16 12:42
3	BRS	L3	24	( split\$4 near9 input\$4 near7 coupler\$1) and (coupler\$1 same (mzi interferomet\$4 zehnder)) same (detector\$1 photodiode\$1)) and (communica\$4)	USPAT; US-PGPU B; EPO; JPO; DERWENT	2004/06/16 14:09

	Comments	Error Definition	Errors
1			0
2			0
3			0

	Type	Hits	Search Text
1	BRS	1	'09/993,823' and (material\$2 index refract\$4)
2	BRS	1	'09/993,823' and ((index refract\$4) with (polym\$4 near8 strip\$5))
3	BRS	1	'09/993,823' and ((index refract\$4) with polym\$4 with strip\$5))
4	BRS	27857	385/\$.ccls.
5	BRS	398	385/40.ccls.
6	BRS	1	'09/993,823' and (polymer same coupl\$4)
7	BRS	8	strip\$4 adj1 load\$3 adj1 optic\$3 adj1 ((wave near1 guide\$1) waveguide\$1)
8	BRS	3	strip\$4 adj1 load\$3 adj1 optic\$3 adj1 ((wave near1 guide\$1) waveguide\$1)
9	BRS	23	strip\$4 adj1 load\$3 near3 optic\$3 near3 ((wave near1 guid\$3) waveguide\$1)
10	BRS	15	(strip\$4 adj1 load\$3 near3 optic\$3 near3 ((wave near1 guid\$3) waveguide\$1)) not (strip\$4 adj1 load\$3 adj1 optic\$3 adj1 ((wave near1 guide\$1) waveguide\$1))
11	BRS	23	(strip\$4 adj1 load\$3 near3 optic\$3 near3 ((wave near1 guid\$3) waveguide\$1)) and (clad\$4 polymer\$4 core\$1 guid\$3 plastic\$3 \$6polymer) and strip\$1 and (refract\$4 (index indice\$1))
12	BRS	1336	strip\$1 near2 ((wave near1 guid\$3) waveguide\$1)
13	BRS	7924	((wave near1 guid\$3) waveguide\$1) near7 (refract\$4 near3 (index indice\$1))
14	BRS	3704	((wave near1 guid\$3) waveguide\$1) near7 (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1))
15	BRS	22218	((mach adj1 zehnder) interferomet\$3 mzi)
16	BRS	755	((wave near1 guid\$3) waveguide\$1) near7 (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1))
17	BRS	81	(strip\$1 near2 ((wave near1 guid\$3) waveguide\$1)) and (((wave near1 guid\$3) waveguide\$1) near7 (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1)))
18	BRS	30	(((mach adj1 zehnder) interferomet\$3 mzi)) and ((strip\$1 near2 ((wave near1 guid\$3) waveguide\$1)) and (((wave near1 guid\$3) waveguide\$1) near7 (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1))))

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
1	USPAT; US-PGPUB	2004/06/15 17:22		
2	USPAT; US-PGPUB	2003/12/23 18:15		
3	USPAT; US-PGPUB	2004/06/16 12:39		
4	USPAT; US-PGPUB	2003/12/23 18:47		
5	USPAT; US-PGPUB	2003/12/23 18:53		
6	USPAT; US-PGPUB	2003/12/23 18:55		
7	USPAT; US-PGPUB	2003/12/24 15:13		
8	EPO; JPO; DERWENT	2003/12/24 15:05		
9	USPAT; US-PGPUB	2003/12/24 16:11		
10	USPAT; US-PGPUB	2003/12/24 15:14		
11	USPAT; US-PGPUB	2003/12/24 15:20		
12	USPAT; US-PGPUB	2003/12/24 16:30		
13	USPAT; US-PGPUB	2003/12/24 16:17		
14	USPAT; US-PGPUB	2003/12/24 16:29		
15	USPAT; US-PGPUB	2003/12/24 16:22		
16	USPAT; US-PGPUB	2003/12/24 18:24		
17	USPAT; US-PGPUB	2003/12/24 16:30		
18	USPAT; US-PGPUB	2003/12/24 18:17		

	<b>Errors</b>
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0

	Type	Hits	Search Text
19	BRS	24	( "6597721" "6580850" "6532326" "6393186" "6393185" "6373872" "6350413" "6324204" "6321011" "6243517" "6215918" "6181456" "6167169" "6002823" "5970186" "5838870" "5745630" "5586206" "5329601" "5177758" "5119393" "4832430" "4756588" "4607370") .pn.
20	BRS	24	( ("6597721" "6580850" "6532326" "6393186" "6393185" "6373872" "6350413" "6324204" "6321011" "6243517" "6215918" "6181456" "6167169" "6002823" "5970186" "5838870" "5745630" "5586206" "5329601" "5177758" "5119393" "4832430" "4756588" "4607370") .pn. ) and (((wave near1 guid\$3) waveguide\$1) near7 (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1))) and strip\$4

	DBs	Time Stamp	Comments	Error Definition
19	USPAT; US-PGPUB	2003/12/24 16:34		
20	USPAT; US-PGPUB	2003/12/24 18:17		

	<b>Errors</b>
19	0
20	0

	Type	Hits	Search Text
21	BRS	10	<pre>("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246") .pn.</pre>
22	BRS	7	<pre>((("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246") .pn. ) and ((wave near1 guid\$3) waveguide\$1) same (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1)) and (strip\$ near12 (waveguide\$1 (wave near1 guid\$3)))</pre>

	DBs	Time Stamp	Comments	Error Definition
21	USPAT; US-PGPUB	2003/12/31 12:57		
22	USPAT; US-PGPUB	2003/12/31 12:55		

	<b>Errors</b>
21	0
22	0

	Type	Hits	Search Text
23	BRS	7	<pre>(( "6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246") .pn. ) and ((wave near1 guid\$3) waveguide\$1 high\$4 low\$4) same (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1)) and (strip\$ near12 (waveguide\$1 (wave near1 guid\$3)))</pre>
24	BRS	7	<pre>(( "6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246") .pn. ) and ((wave near1 guid\$3) waveguide\$1) same (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1)) and (strip\$ near12 (waveguide\$1 guid\$3))</pre>
25	BRS	10	<pre>("6373872" "6324204" "6002823" "5991490" "5970186" "5459807" "5329601" "5119450" "4832430" "4360246") .pn.</pre>

	DBs	Time Stamp	Comments	Error Definition
23	USPAT; US-PGPUB	2003/12/24 18:36		
24	USPAT; US-PGPUB	2003/12/24 18:34		
25	USPAT; US-PGPUB	2003/12/24 18:35		

	Errors
23	0
24	0
25	0

	Type	Hits	Search Text
26	BRS	7	(( "6373872" "6324204" "6002823" "5991490" "5970186" "5459807" "5329601" "5119450" "4832430" "4360246") .pn. ) and ((wave near1 guid\$3) waveguide\$1) same (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1))
27	BRS	5	(( ("6373872" "6324204" "6002823" "5991490" "5970186" "5459807" "5329601" "5119450" "4832430" "4360246") .pn. ) and ((wave near1 guid\$3) waveguide\$1) same (material clad\$4 polymer\$4) near9 (refract\$4 near1 (index indice\$1)) same (control\$3 electrod\$3 volt\$3 (electri\$3 adj3 current\$1)) ) and ((wave near1 guid\$3) waveguide\$1 core\$1) with (material clad\$4 polymer\$4) with coupl\$4
28	BRS	1	5329601.pn. and (material\$1 polymer\$1 clad\$4) same (refract\$4 index indice\$1) and absor\$6
29	BRS	1	5970186.pn. and (material\$1 polymer\$1 clad\$4) same (refract\$4 index indice\$1) same (high\$4 low\$3 increas\$4 less more)
30	BRS	1	5970186.pn. and (material\$1 polymer\$1 clad\$4) same ((refract\$4 index indice\$1) near9 (high\$4 low\$3 less more))
31	BRS	1	5970186.pn. and (material\$1 polymer\$1 clad\$4) near9 ((refract\$4 index indice\$1) near9 (high\$4 low\$3 less more))
32	BRS	1	6324204.pn. and (material\$1 polymer\$1 clad\$4) near9 ((refract\$4 index indice\$1) near9 (high\$4 low\$3 less more))
33	BRS	1	6002823.pn. and (silic\$6)
34	BRS	1	6002823.pn. and (waveguide\$1 same silic\$6)
35	BRS	0	6002823.pn. and (taper\$4)
36	BRS	0	6002823.pn. and (trim\$5)
37	BRS	1	6002823.pn. and (polymer\$4 near9 clad\$5)
38	BRS	1	'09/993,823'
39	BRS	1	'09/993,823' and (split\$4 same waveguid\$4)
40	BRS	29	((walk adj1 off) walkoff) near7 split\$4) same (half near3 (plate\$1 waveplate))
41	BRS	2	((walk adj1 off) walkoff) near7 split\$4) same (half near3 (plate\$1 waveplate)) and (MZI interferom\$4 machzhnder (mach near1 zehner))
42	BRS	1	((walk adj1 off) walkoff) near7 split\$4) same (MZI interferom\$4 machzhnder (mach near1 zehner)) and (half near3 (plate\$1 waveplate))

	DBs	Time Stamp	Comments	Error Definition
26	USPAT; US-PGPUB	2003/12/24 18:57		
27	USPAT; US-PGPUB	2003/12/29 14:33		
28	USPAT; US-PGPUB	2003/12/29 16:40		
29	USPAT; US-PGPUB	2003/12/29 16:45		
30	USPAT; US-PGPUB	2003/12/29 16:47		
31	USPAT; US-PGPUB	2003/12/29 16:49		
32	USPAT; US-PGPUB	2003/12/29 17:27		
33	USPAT; US-PGPUB	2003/12/29 17:28		
34	USPAT; US-PGPUB	2003/12/29 17:34		
35	USPAT; US-PGPUB	2003/12/29 17:34		
36	USPAT; US-PGPUB	2003/12/29 17:39		
37	USPAT; US-PGPUB	2003/12/29 17:39		
38	USPAT; US-PGPUB	2003/12/29 19:09		
39	USPAT; US-PGPUB	2003/12/29 19:19		
40	USPAT; US-PGPUB	2003/12/29 19:23		
41	USPAT	2003/12/29 19:25		
42	USPAT	2003/12/29 19:27		

	<b>Errors</b>
26	0
27	0
28	0
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0

	Type	Hits	Search Text
43	BRS	0	((walk adj1 off) walkoff) near7 split\$4 near9 input\$4 same (MZI interferom\$4 machzhnder (mach near1 zehner))
44	BRS	1	((walk adj1 off) walkoff) near7 split\$4 same input\$4 same (MZI interferom\$4 machzhnder (mach near1 zehner))
45	BRS	1	((walk adj1 off) walkoff) near7 split\$4 near9 input\$4 same coup\$4 and (MZI interferom\$4 machzhnder (mach near1 zehner))
46	BRS	1	'09/993,823'
47	BRS	1	'09/993,823' and (field\$2 same waveguides same parall\$4)
48	BRS	1	'09/993,823' and (transm\$6 transceiv\$4 communica\$5 receiv\$4 output\$4 detect\$4)
49	BRS	1	6002823.pn.
50	BRS	1	('09/993,823' and (transm\$6 transceiv\$4 communica\$5 receiv\$4 output\$4 detect\$4)) and (transm\$6 transceiv\$4 communica\$5 receiv\$4 output\$4 detect\$4)
51	BRS	1	6002823.pn. and (transm\$6 transceiv\$4 communica\$5 receiv\$4 output\$4 detect\$4)
52	BRS	11	(split\$4 near9 input\$4 near7 coupler\$1) same (mzi interferomet\$4 zehnder) same (detector\$1 photodiode\$1)
53	BRS	50	(split\$4 near9 input\$4 near7 coupler\$1) and (coupler\$1 same (mzi interferomet\$4 zehnder)) same (detector\$1 photodiode\$1)
54	BRS	2	( (split\$4 near9 input\$4 near7 coupler\$1) and (coupler\$1 same (mzi interferomet\$4 zehnder)) same (detector\$1 photodiode\$1)) and (transm\$4 same receiver\$4 same communica\$4)
55	BRS	19	( (split\$4 near9 input\$4 near7 coupler\$1) and (coupler\$1 same (mzi interferomet\$4 zehnder)) same (detector\$1 photodiode\$1)) and (communica\$4)
56	BRS	1	6002823.pn. and (input\$4 same output\$4)
57	BRS	0	4832430.pn. and taper\$4
58	BRS	1	4832430.pn.
59	BRS	1	6324204.pn.
60	BRS	10	("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246") .pn.

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
43	USPAT	2003/12/29 19:28		
44	USPAT	2003/12/29 19:29		
45	USPAT	2003/12/29 19:29		
46	USPAT; US-PGPUB	2003/12/30 12:40		
47	USPAT; US-PGPUB	2003/12/30 12:55		
48	USPAT; US-PGPUB	2003/12/30 13:29		
49	USPAT; US-PGPUB	2004/06/15 18:04		
50	USPAT; US-PGPUB	2003/12/30 13:29		
51	USPAT; US-PGPUB	2003/12/30 13:31		
52	USPAT	2003/12/30 13:40		
53	USPAT	2003/12/30 13:41		
54	USPAT	2003/12/30 13:48		
55	USPAT	2004/06/16 14:09		
56	USPAT; US-PGPUB	2003/12/30 19:30		
57	USPAT; US-PGPUB	2003/12/30 19:31		
58	USPAT; US-PGPUB	2003/12/30 19:31		
59	USPAT; US-PGPUB	2003/12/31 12:55		
60	USPAT; US-PGPUB	2003/12/31 12:57		

	<b>Errors</b>
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0

	Type	Hits	Search Text
61	BRS	6	( ("6324204" "6002823" "5970186" "5329601" "4832430" "6373872" "6324204" "6002823" "5970186" "5329601" "4832430" "5991490" "5459807" "5329601" "5119450" "4832430" "4360246" "5991490" "5459807" "4360246") .pn. ) and (strip near3 load\$4 near3 wavegu\$4)
62	BRS	1	'09/993,823'
63	BRS	1	6002823.pn.
64	BRS	1	'09/993,823' and (strip\$4 load\$3)
65	BRS	1	6002823.pn. and (streak\$1 bar\$1 band\$1 ribbon\$2 strip\$4 load\$3 strid\$3 parall\$4)

	<b>DBs</b>	<b>Time Stamp</b>	<b>Comments</b>	<b>Error Definition</b>
61	USPAT; US-PGPUB	2003/12/31 12:58		
62	USPAT; US-PGPUB	2004/06/15 18:25		
63	USPAT; US-PGPUB	2004/06/16 12:38		
64	USPAT; US-PGPUB	2004/06/15 18:31		
65	USPAT; US-PGPUB	2004/06/15 18:34		

	<b>Errors</b>
61	0
62	0
63	0
64	0
65	0